

IN THE CLAIMS:

1. (currently amended) A computer system comprising:

a plurality of clients, each said client comprising a plurality of user interface classes and at least one class that provides access to a database;

a server comprising a plurality of servlets, at least some of said servlets providing at least one of a database and server access capability to each said client; and

said database comprising a plurality of tables, at least one of said tables comprising at least one error proofing example entered by a user and meta-data entered by the user that describes the at least one error proofing example, wherein said meta-data comprises at least one of an error stage and an error type, at least one of said tables further comprising at least one failure mode associated with the error proofing example, the error proofing example including at least one failure mode and meta-data defined by the user when creating the at least one error proofing example wherein said database accessed by each said client via said server, wherein at least one of said plurality of user interface classes initializes and displays at least one form that provides the user access to input additional error proofing examples based on user privileges defined by an administrator.

2. (original) A system in accordance with Claim 1 wherein each said user interface classes comprise at least two visual components for controlling information shown to a user and for handling user input.

3. (original) A system in accordance with Claim 2 wherein one of said user interface classes constructs and displays a menu of web pages that a user can view.

4. (currently amended) A system in accordance with Claim 2 wherein at least one of said user interface classes initializes and displays another of the at least one forms.

5. (previously presented) A system in accordance with Claim 1 wherein said at least one class formats SQL statements and invokes requests to servlets in said server that provide database access.

6. (original) A system in accordance with Claim 1 wherein said server comprises servlets for database queries and updating, uploading a document and updating said database, downloading a document, and extracting user permissions from said database.

7. (original) A system in accordance with Claim 1 wherein one of said tables stores processes to which an error proofing example applies and failure modes associated with an error proofing example.

8. (previously presented) A system in accordance with Claim 1 wherein one of said tables stores families of parts to which an error proofing example applies.

9. (original) A system in accordance with Claim 1 wherein one of said tables stores a solution stage to which a solution of an error proofing example applies.

10. (original) A system in accordance with Claim 1 wherein one of said tables stores data identifying users of the error proofing website.

11. (original) A system in accordance with Claim 1 wherein one of said tables stores textual data relating to the error proofing example.

12. (original) A system in accordance with Claim 1 wherein one of said tables stores a principle and related strategy that are associated with an error proofing example.

13. (currently amended) A method for identifying an error proofing technique for a given application using a web-based computer system, the computer system including a plurality of clients including a plurality of user interface classes, a server including a plurality of servlets, and a database including a plurality of tables including at least one error proofing example entered by a user and user defined meta-data entered by the user to describe the at least one error proofing example, said method comprising the steps of:

using at least one interface class to provide access to a database, wherein the at least one user interface class initializes and displays at least one form that provides the user access to input additional error proofing examples based on user privileges defined by an administrator;

using at least some of the servlets to provide at least one of database and server access capability to a client;

entering at least one error proofing example by a user and meta-data entered by the user to describe the error-proofing example, wherein the meta-data includes at least one of an error stage and an error type;

accessing a table containing at least one of the error proofing examples;

storing failure modes in the table associated with the at least one error proofing example; and

choosing the error proofing technique to fit the given application.

14. (original) A method in accordance with Claim 13 wherein said step of using at least one interface class to provide access to a database further comprises the step of providing at least two visual components for controlling information shown to a user and for handling user input.

15. (original) A method in accordance with Claim 14 wherein said step of providing at least two visual components for controlling information shown to a user and for handling user input further comprises the step of constructing and displaying a menu of web pages that a user can view.

16. (currently amended) A method in accordance with Claim 14 wherein said step of providing at least two visual components for controlling information shown to a user and for handling user input further comprises the step of initializing and displaying another of the at least one forms.

17. (previously presented) A method in accordance with Claim 13 wherein said step of using at least some of the servlets to provide at least one of database and server access capability to a client further comprises the steps of:

formatting at least one SQL statement via at least one servlet providing access to database; and

invoking requests to servlets in the server that provides database access.

18. (original) A method in accordance with Claim 13 wherein said step of using at least some of the servlets to provide at least one of database and server access capability to a client further comprises the steps of:

querying the database;

uploading a document and updating the database; and

downloading a document and extracting user permissions from the database.

19. (previously presented) A method in accordance with Claim 13 wherein said step of accessing a table containing the at least one error proofing example further comprises the steps of:

storing processes in the table to which the at least one error proofing example applies.

20. (previously presented) A method in accordance with Claim 13 wherein said step of accessing a table containing at least one error proofing example further comprises the steps of:

storing part families in the table to which the at least one error proofing example applies;

storing a solution stage in the table to which a solution of the at least one error proofing example applies;

storing data identifying users of the error proofing website in the table;

storing textual data relating to the at least one error proofing example in the table; and

storing a principle and related strategy that are associated with the at least one error proofing example in the table.